

## WHAT IS CLAIMED IS:

1. A process for thermally treating a light alloy casting, comprising a step of: heating a light alloy casting up to a solid solution range and maintaining it at such heating temperature  $T$ ; and a step of quenching the light alloy casting through a cooling medium while pressurizing it.

2. A process for thermally treating a light alloy casting according to claim 1, wherein the heating temperature  $T$  is set at  $T > T_s$ , wherein  $T_s$  represents a solidus-line temperature for a light alloy forming the light alloy casting.